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RAW SEQUENCE LISTING

DATE: 07/24/2001

PATENT APPLICATION: US/09/899,645

TIME: 10:45:47

Input Set : A:\5718-114.app

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3 <110> APPLICANT: Li, Chun Ping
 4 Zheng, Peizhong
 5 Nichols, Scott
 7 <120> TITLE OF INVENTION: METHODS FOR REGULATING BETA-OXIDATION IN PLANTS
 9 <130> FILE REFERENCE: 35718/235742
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/899,645
 C--> 12 <141> CURRENT FILING DATE: 2001-07-05
 14 <150> PRIOR APPLICATION NUMBER: 60/216,211
 15 <151> PRIOR FILING DATE: 2000-07-06
 17 <160> NUMBER OF SEQ ID NOS: 2
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 37 ttt ctt gtt gct gga gac aat aac ata ccg ata ata tat caa gtt cat 160
 38 Phe Leu Val Ala Gly Asp Asn Asn Ile Pro Ile Ile Tyr Gln Val His
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 41 cgg gca cgt gat gga tcc agc ttt gcc aca aga aaa gtg gag gca aag 208
 42 Arg Ala Arg Asp Gly Ser Ser Phe Ala Thr Arg Lys Val Glu Ala Lys
 43 25 30 35 40
 45 cag aag ggc cta gtt gta ttc acc ttg att gct tct ttc cag aag gaa 256
 46 Gln Lys Gly Leu Val Val Phe Thr Leu Ile Ala Ser Phe Gln Lys Glu
 47 45 50 55
 49 gaa gtg ggt ttt gag cat cag gct gca atc atg cct gat gtt cct ccg 304
 50 Glu Val Gly Phe Glu His Gln Ala Ala Ile Met Pro Asp Val Pro Pro
 51 60 65 70
 53 cca gaa cag ctc ctt aat ctg gag gag ata cgt gaa aga cgg ctt act 352
 54 Pro Glu Gln Leu Leu Asn Leu Glu Glu Ile Arg Glu Arg Arg Leu Thr
 55 75 80 85
 57 gat cca cgc ttc cca tcc caa tat agg aac ttg gca gct aaa aaa aag 400
 58 Asp Pro Arg Phe Pro Ser Gln Tyr Arg Asn Leu Ala Ala Lys Lys Lys
 59 90 95 100
 61 ttt att cct tgg ccc ata gaa atg aga ttt tgt gaa ggt tca gcg tct 448
 62 Phe Ile Pro Trp Pro Ile Glu Met Arg Phe Cys Glu Gly Ser Ala Ser
 63 105 110 115 120
 65 caa cat aaa cca agc tta aac tac tgg ttt aga gct cga ggg aaa ctc 496
 66 Gln His Lys Pro Ser Leu Asn Tyr Trp Phe Arg Ala Arg Gly Lys Leu
 67 125 130 135

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73 cta cta ttt tct ggg gtg agc ctt aac cct cat cgg gag aag ggt ttg 592
74 Leu Leu Phe Ser Gly Val Ser Leu Asn Pro His Arg Glu Lys Gly Leu
75      155      160      165
77 aag aca tac tgc ctc agt ctt gac cat tcc atc tgg ttc cac aaa cct 640
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83 185      190      195      200
85 cac ggt ggt cgc ggt ttc gtc acc gga cgc atg ttc aac agg caa gga 736
86 His Gly Gly Arg Gly Phe Val Thr Gly Arg Met Phe Asn Arg Gln Gly
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89 gag ctt atc atg tcg ctg acc caa gag gca ttg att cga agg gag aag 784
90 Glu Leu Ile Met Ser Leu Thr Gln Glu Ala Leu Ile Arg Arg Glu Lys
91      220      225      230
93 ccg cga gga cca aat ccg agg ccg aag ctt tgaggcacct gacagcctct 834
94 Pro Arg Gly Pro Asn Pro Arg Pro Lys Leu
95      235      240
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123 35 40 45
125 Leu Ile Ala Ser Phe Gln Lys Glu Glu Val Gly Phe Glu His Gln Ala
126 50 55 60
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129 65 70 75 80
131 Glu Ile Arg Glu Arg Arg Leu Thr Asp Pro Arg Phe Pro Ser Gln Tyr
132 85 90 95
134 Arg Asn Leu Ala Ala Lys Lys Lys Phe Ile Pro Trp Pro Ile Glu Met
135 100 105 110
137 Arg Phe Cys Glu Gly Ser Ala Ser Gln His Lys Pro Ser Leu Asn Tyr
138 115 120 125
140 Trp Phe Arg Ala Arg Gly Lys Leu Ser Asp Asp Gln Ala Leu His Arg

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149	His Ser Ile Trp Phe His Lys Pro Val Lys Ala Asp Glu Trp Met Leu		
150		180	185
152	Tyr Val Ile Glu Ser Pro Ser Ala His Gly Gly Arg Gly Phe Val Thr		
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159	225	230	235
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/899,645

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Input Set : A:\5718-114.app

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L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date